ABSTRACT

A method, apparatus and system for use in determining a pilot-to-data power ratio by receiving a data symbol (122) having a data amplitude, receiving a pilot signal (124) having a pilot amplitude, reverse training (350) an automatic gain (154) based on the data amplitude and the pilot amplitude, and determining a pilot-to-data power ratio (250) according to the reverse training of the automatic gain. In some embodiments the method further compensates for channel fading in the data symbol by providing for channel correction (340) on the data symbol, providing for channel correction (344) on the pilot signal and dividing the channel corrected data symbol by the channel corrected pilot signal providing a fading compensated data symbol, where the fading compensated data symbol (150) is provided prior to reverse training such that the reverse training is based at least in part on the fading compensated data symbol.